

ATTACHMENT J10**Goodfellow AFB Wastewater Collection System**

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J10 Goodfellow AFB Wastewater Collection System

J10.1 Goodfellow AFB Overview

Goodfellow AFB, located in the southeast portion of San Angelo, Tom Green County, Texas, is an Air Education and Training Command (AETC) installation that conducts intelligence, fire suppression, and special instruments operation training. The host command is the 17th Training Wing (17 TRW), which trains more than 9,300 personnel annually from all military services. Tenant units include:

- 344th Military Intelligence Battalion/111th Military Intelligence Brigade
- Naval Technical Training Detachment
- Marine Corps Detachment
- Department of Transportation Tire Testing Facility

Goodfellow AFB occupies 1,132 acres and contains approximately 200 buildings enclosing over 2.2 million square feet (sf).¹ The Base also leases 200 units of 801-Leased Military Family Housing. The Base's airfield has been deactivated and has no flying operations.

The Base has a total population of over 5,000, including military personnel and dependents, civilian employees and support personnel, and an average daily student load of approximately 2,250. Goodfellow AFB's annual payroll is approximately \$163 million (combined military and civilian) and the Base is estimated to contribute approximately \$215 million to the local economy through civilian employment, contracting, and purchases from local businesses.

Goodfellow AFB was initially a pilot training installation from its establishment in 1940 (as the San Angelo Air Corps Basic Flying Training School) through 1958. Flying operations ceased in 1958 and the Base was redesignated a USAF advanced cryptologic training center. The Base began providing cryptologic training to other services in the 1960s and its mission expanded in 1985 with the consolidation of intelligence training operations from three other AFBs. AETC activated the 17 TRW in 1993, which further diversified and expanded Goodfellow AFB's mission.

A number of new facilities are planned for Goodfellow AFB, and existing facilities will be upgraded or replaced to meet future mission requirements. Key projects planned for the Base are expected to increase the total square footage in Base buildings by approximately 7.9 percent.

¹ The nonresidential structures include offices, industrial maintenance and repair facilities, and community service facilities (e.g., Goodfellow Clinic and commissary). On-Base residential structures include dormitories, 24 fourplexes, and 3 detached single-family residences.

J10.2 Wastewater Collection System Description

J10.2.1 Wastewater Collection System Fixed Equipment Inventory

The Goodfellow AFB wastewater system consists of all appurtenances physically connected to the collection system from the point of demarcation defined by the Right of Way to point in which the collection system exits the Installation. The system may include, but is not limited to, pipelines, manholes, lift stations, valves, and controls. The actual inventory of items sold will be established in the Bill of Sale at the time the system is transferred. The following description and inventory is included to provide the Contractor with a general understanding of the size and configuration of the collection system. The Government makes no representation that the inventory is accurate. The Contractor shall base the proposal on site inspections, information in the technical library, other pertinent information, and to a lesser degree the following description and inventory. Under no circumstances shall the Contractor be entitled to any service charge adjustments based on the accuracy of the following description and inventory.

Specifically excluded from the wastewater collection system privatization are:

- Oil-Water Separators
- Storm Sewers
- Septic Systems
- Grease Traps

J10.2.1.1 Description

The wastewater collection system at Goodfellow AFB consists of collection pipelines that range in diameter from 6 to 12 inches, and a lift station that collects sewage from various areas and pumps to the City's system.² There are no treatment facilities. Pipes within the collection system consist mostly of vitrified clay pipe (VCP); however, some recent line replacements have occurred in the Base housing area. These replacements were made using polyvinyl chloride (PVC) pipe.

J10.2.1.2 Inventory

Table 1 provides a general listing of the major wastewater system fixed assets for the Goodfellow AFB wastewater collection system included in the sale.

TABLE 1
Fixed Inventory
Wastewater Collection System Inventory Goodfellow AFB

Item	Size (in.)	Quantity	Unit	Approximate Year of Construction
PVC Pipe	6	4,200	lf	1994
Vitrified Clay Pipe	4	8,530	lf	1958
	6	17,540	lf	1958
	8	16,270	lf	1958
	10	8,850	lf	1958
	15	3,580	lf	1958

² Goodfellow AFB has an additional four lift stations and two septic systems; these are facility-specific and will remain the responsibility of the Air Force.

Item	Size (in.)	Quantity	Unit	Approximate Year of Construction
Wastewater Lift/Pump Station		3	ea	
Standard Sanitary Sewer Manholes		152	ea	1958
PVC = polyvinyl chloride		If = linear feet	ea = each	

J10.2.2 Wastewater Collection System Non-Fixed Equipment and Specialized Tools Inventory

Table 2 lists other ancillary equipment (spare parts) and **Table 3** lists specialized vehicles and tools included in the sale. Offerors shall field verify all equipment and tools prior to submitting a bid. Offerors shall make their own determination of the adequacy of all equipment and tools.

TABLE 2

Spare Parts

Wastewater Collection System Goodfellow AFB

Qty	Item	Make/Model	Description	Remarks
	No spare parts are included in the privatization of this utility system.			

TABLE 3

Specialized Equipment and Vehicles

Wastewater Collection System Goodfellow AFB

Description	Quantity	Location	Maker
No specialized vehicles or tools are included in the privatization of this utility system.			

J10.2.3 Wastewater System Manuals, Drawings, and Records Inventory

Table 4 lists the manuals, drawings, and records that will be transferred with the system.

TABLE 4

Manuals, Drawings, and Records

Wastewater Collection System Goodfellow AFB

Qty	Item	Description	Remarks
1	CD	Utility System Drawings	Wastewater Collection System
1	Record	Recurring Work Program (RWP)	

J10.3 Specific Service Requirements

The service requirements for the Goodfellow AFB wastewater collection system are as defined in the Section C, *Description/Specifications/Work Statement*. The following requirements are specific to the Goodfellow AFB wastewater collection system and are in addition to those found in Section C. If there is a conflict between requirements described below and Section C, the requirements listed below take precedence over those found in Section C.

- The Contractor shall enter into a Memorandum of Understanding with the Goodfellow Air Force Base Fire Department for fire protection of all facilities included in the purchase of the utility. The Contractor shall abide by Goodfellow AFB fire protection requirements. The Contractor shall maintain the fire alarm system for all facilities

included in the purchase of the utility. The Contractor shall permit Fire Department personnel access to their facilities to perform fire inspections and emergency response.

- IAW Paragraph C.9.8, *Exercises and Crisis Situations Requiring Utility Support*, the Contractor shall provide support as directed by the Goodfellow Air Force Base Civil Engineer Control Center for exercises and crisis situations.

J10.4 Current Service Arrangement

The City of San Angelo City provides wastewater treatment for Goodfellow AFB at the rate of approximately 150 million gallons (MG) per year.

As noted in Section J10.1, key projects planned for Goodfellow may increase the total square footage of buildings on Base by approximately 8 percent.

J10.5 Secondary Metering

There are currently no requirements for secondary metering of wastewater included in this contract. Any future wastewater secondary metering requested by the Government will be IAW Paragraph C.3, Future Secondary Meters.

J10.6 Submittals

The Contractor shall provide the Government submittals for the following:

1. Invoice (IAW G.2). The Contractor's monthly invoice shall be presented in a format proposed by the Contractor and accepted by the Contracting Officer. Invoices shall be submitted by the 25th of each month for the previous month. Invoices shall be submitted to:

Name:

Address:

Phone number:

2. Blockage Report. The Contractor's monthly blockage report will be prepared in the format proposed by the Contractor and accepted by the Contracting Officer. Blockage reports shall be submitted by the 25th of each month for the previous month. Blockage reports shall be submitted to:

Name:

Address:

Phone number:

3. Infiltration and Inflow Report. If required by Paragraph C.3, the Contractor shall submit an Infiltration and Inflow report in a format proposed by the Contractor and accepted by the Contracting Officer. System efficiency reports shall be submitted by the 25th of each month for the previous month. System efficiency reports shall be submitted to:

Name:

Address:

Phone number

J10.7 Infiltration and Inflow (I&I) Projects

IAW Paragraph C.3, Utility Service Requirement, the following projects have been implemented by the Government for managing and monitoring I&I.

- None

J10.8 Service Area

IAW Paragraph C.4, Service Area, the service area is defined as all areas within the Goodfellow AFB boundaries.

J10.9 Off-Installation Sites

No off-installation sites are included in the sale of Goodfellow AFB wastewater collection system.

J10.10 Specific Transition Requirements

IAW Paragraph C.13, Transition Plan, **Table 5** provides a listing of service connections and disconnections required upon transfer.

TABLE 5
Service Connections and Disconnections
Wastewater Collection System Goodfellow AFB

Location	Description
	The Government does not require any connection or disconnections during the transition period.

J10.11 Government Recognized System Deficiencies

Table 6 provides a listing of system improvements that the Government has planned. The Government recognizes these improvement projects as representing current deficiencies associated with the Goodfellow AFB wastewater collection system. If the collection system is sold, the Government will not accomplish these planned improvements. The Contractor shall make a determination as to its actual need to accomplish and the timing of any and all such planned improvements. Capital upgrade projects shall be proposed through the Capital Upgrades and Renewal and Replacement Plan process and will be recovered through Schedule L-3. Renewal and Replacement projects will be recovered through Sub-CLIN AB.

TABLE 6
System Deficiencies
Wastewater Collection System Goodfellow AFB

Project Identifier/Location	Project Description
Wastewater Mains	Repair Sewer Lines on Ft. Richardson Rd.